

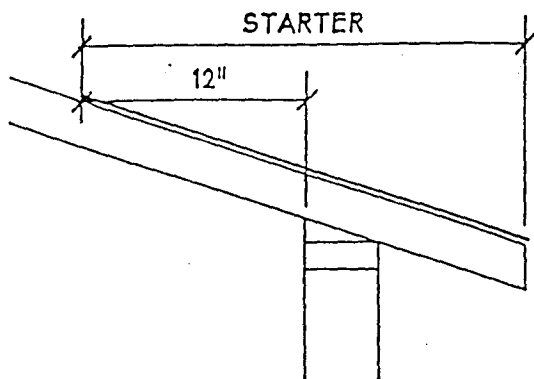


CITY OF SAINT PAUL
Randy Kelly, Mayor

LOWRY PROFESSIONAL BUILDING Telephone: 651-266-9090
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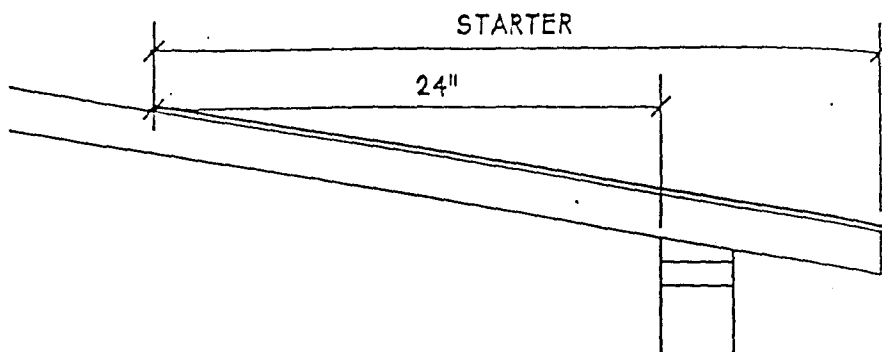
REROOFING POLICY - ASPHALT OR FIBERGLASS SHINGLES

1. No more than two overlays may be applied over an existing shingle roof. The roof must be structurally sound without visible distress before a 3rd layer may be installed. Any questionable roof structures shall be inspected by the area building inspector before a permit is approved.
2. Tearing off the old roof completely does not mean that the owner must then upgrade his insulation (unlike the situation on a flat roof). Soffit and roof vents, however, must be brought up to present code whether there is a tearoff or not.
3. Ice dam underlayment will not be required if the old roof is not being removed. If it is used, or if there is a complete tearoff, patented underlayment single-layer membranes (as being equivalent to the regular UBC method) must be approved by the Building inspection department, at the time of issuing the building permit.
4. Starter shingles and rake-edge cutoff shingles are required to overhang the fascia by at least 3/8" or the metal drip edge, if used, by 1/4", whether the old shingles do or not. (Preformed galvanized metal drip edge is not required by code, but is strongly recommended.)
5. For more detailed requirements, see UBC 3203 and Appendix Chapter 32.
6. Metal "step" flashing at vertical surfaces is required whenever recommended by the shingle manufacturer.
7. On a tear-off of a roof with sheathing boards, if there are gaps between boards greater than 5/8" inch, then the gaps must be:
 - a. Covered with sheetmetal if the gap is less than 1 1/2"; or
 - b. In-filled with sheathing boards; or
 - c. Overlayed with plywood, or
 - d. Corrected by other systems or techniques pre-approved by Building Inspection.
8. Call your Building Inspection department before starting to reroof or after tearoff, so the flashing can be checked by the Building Inspector. Contact the Building Inspector between 7:30 and 9:00 AM. The inspector's name and number will be on the building permit receipt and permit card. The general telephone number for the Building Inspectors is 651-266-9002; for Plan Examination 651-266-9007.



4:12 OR GREATER:

ONE LAYER #40 COATED BASE SHEET APPLIED FROM THE EAVES TO A LINE 12" INSIDE THE EXTERIOR WALL LINE. CEMENT LAPS TOGETHER.



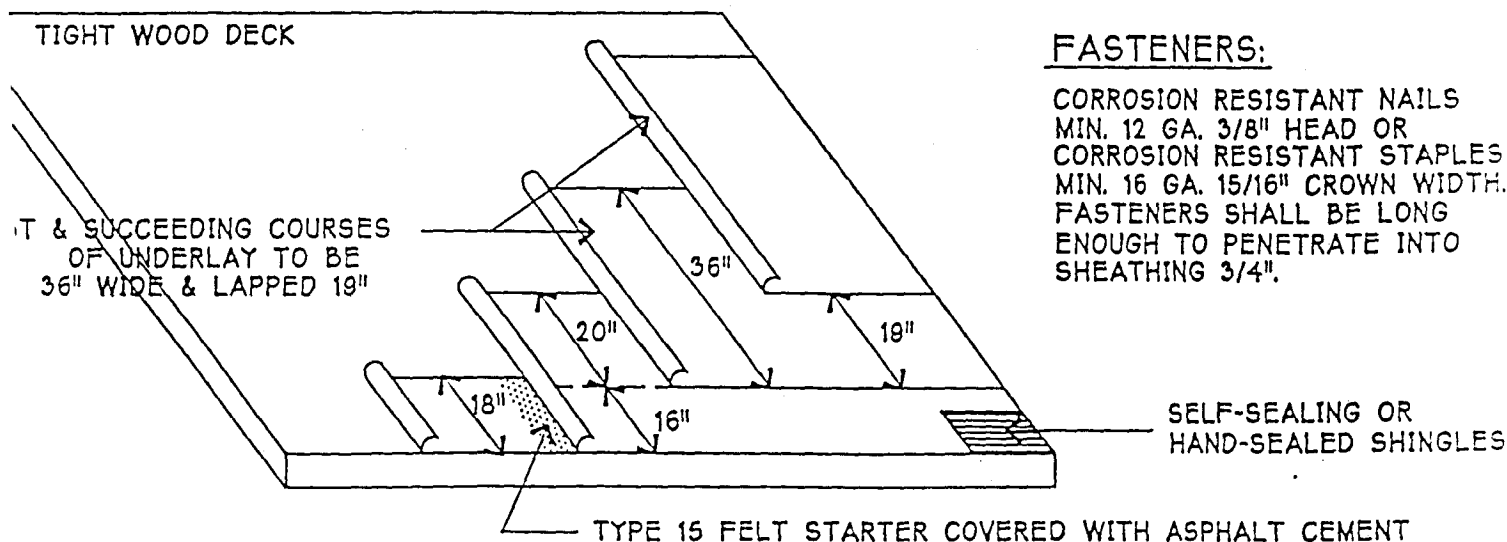
2:12 TO LESS THAN 4:12:

TWO LAYERS NONPERFORATED 15# FELT CEMENTED SOLIDLY TOGETHER EXTENDING FROM THE EAVES TO A LINE 24" INSIDE THE EXTERIOR WALL LINE.

SHINGLE APPLICATION

ASPHALT SHINGLES		
ROOF SLOPE	NOT PERMITTED BELOW 2:12	
	2:12 to less than 4:12	4:12 and over
DECK REQUIREMENT	Asphalt shingles shall be fastened to solidly sheathed roofs. Sheathing shall conform to Sections 2516 (i) and 2517 (h) 7.	
UNDERLAYMENT Temperate climate	Asphalt strip shingles may be installed on slopes as low as 2 inches in 12 inches, provided the shingles are approved self-sealing or are hand-sealed and are installed with an underlayment consisting of two layers of nonperforated Type 15 felt applied shingle fashion. Starting with an 18-Inch-wide sheet and a 36-inch-wide sheet Over it at the eaves, each subsequent sheet shall be lapped 19 inches horizontally.	One layer nonperforated Type 15 felt lapped 2 inches horizontally and 4 inches vertically to shed water.
Severe climate: In areas subject to wind-driven snow or roof ice buildup.	Same as for temperate climate, and additionally the two layers shall be solid cemented together with approved cementing material between the plies extending from the eave up the roof to a line 24 inches inside the exterior wall line OR the building.	Same as for temperate climate, except that one layer No. 40 coated roofing or coated glass base sheet shall be applied from the eaves to a line 12 inches inside the exterior wall line with all laps cemented together

VERIFY ALTERNATE MATERIALS OR METHODS WITH INSPECTION DEPARTMENT



SHINGLE APPLICATION



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REROOFING INSPECTION REQUIREMENTS

Before beginning work, call the building inspector to let them know your proposed schedule. The inspector's phone number is on the permit and permit card. They are available from 7:30 - 9:00 AM Monday thru Friday. We realize many re-roofings are completed during weekends, but whenever possible, the inspectors would like to check the roof as the initial work begins. This is especially important for tear-offs where the base roof structure and the "starter" for ice-damming can be checked.

If for any reason the work on the roof must be started before the building permit has been secured, the building inspector must be notified.

The building inspector must also be contacted when the job has been completed.

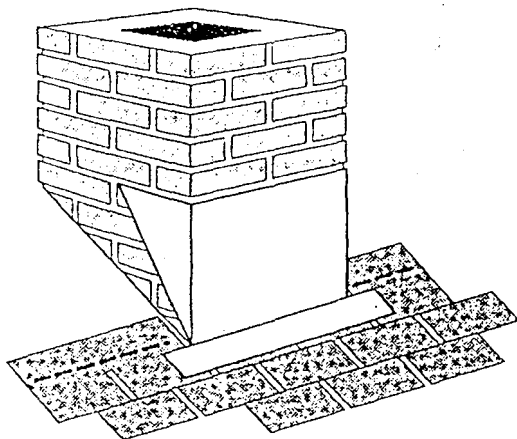
(See other side for Chimney Flashing Details)

REROOFING: CHIMNEY FLASHING PROCEDURE

Flashing a Chimney

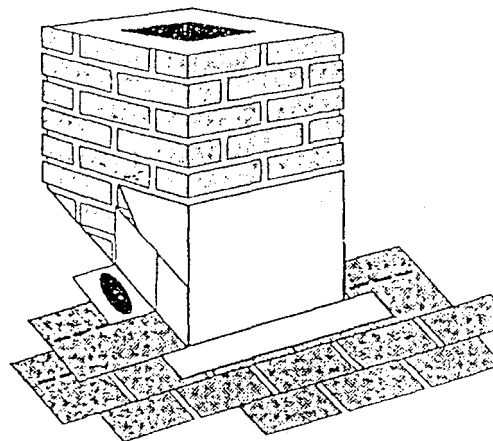
STEP 1

Apply asphalt primer to bricks; apply metal base flashing to front, overlapping shingles 4"



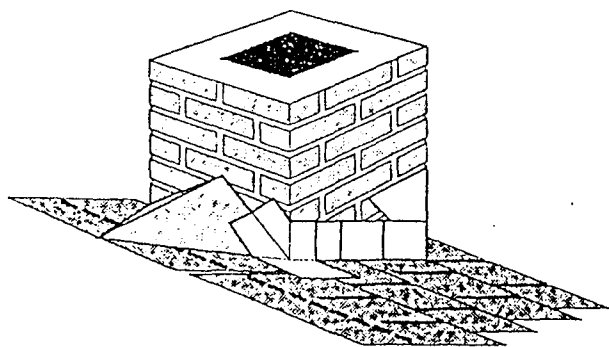
STEP 2

Nail metal step flashing over plastic cement; bed overlapping shingles in plastic cement



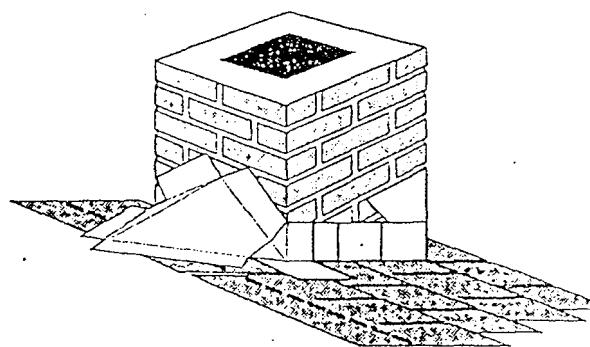
STEP 3

Install wood cricket at rear, and shingle to edge; embed rear corner flashings in cement



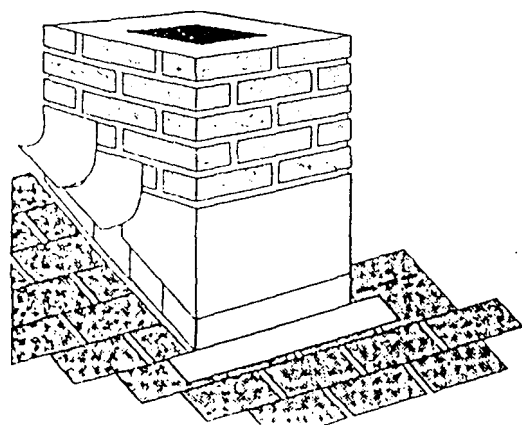
STEP 4

Embed rear base flashing in plastic cement; nail flashing to deck only



STEP 5

Set front and side cap flashings 1-1/2" into raked joints; refill with mortar



STEP 6

Install rear corner cap flashings; install rear cap flashing suitable to situation

